

IN THE CLAIMS:

1-11. (cancelled).

12. (currently amended) A method for dressing a bone wound in a bone, comprising:

- a) providing a composition comprising at least one wax selected from the group consisting of paraffin, montan waxes, petroleum waxes, Fischer-Tropsch waxes, polyolefin waxes, petrolatum, wax alcohols, oxidates of said montan waxes, oxidates of said petroleum waxes, oxidates of said Fischer-Tropsch waxes, oxidates of said polyolefin waxes, oxidates of said petrolatum, and oxidates of said wax alcohols, and combinations thereof, and at least one metal hydroxide, wherein said composition does not contain neatsfoot oil; and
- b) applying said composition on or in a bone as a dressing for a bone wound, and
- c) stimulating collagen regeneration in said bone by increasing alkalinity in said bone wound with said composition.

13. (cancelled)

14. (previously presented) The method of Claim 12, wherein said bone wound comprises a fractured surface in said bone.

15. (previously presented) The method of Claim 12, wherein said bone wound comprises a cavity in said bone.

16. (previously presented) The method of Claim 12, wherein said at least one wax comprises 10-50% by weight of said composition.

17. (previously presented) The method of Claim 12, wherein said composition further comprises at least one additional substance selected from the group consisting of vegetable oils, fats, waxes, and combinations thereof.

18. (previously presented) The method of Claim 17, wherein said at least one additional substance comprises 10-60% by weight of said composition.

19. (previously presented) The method of Claim 17, wherein said vegetable oils are selected from the group consisting of jojoba oil, castor oil, sunflower oil, and combinations thereof.

20. (previously presented) The method of Claim 12, wherein said at least one metal hydroxide is selected from the group consisting of alkali metal hydroxide, alkaline earth metal hydroxide, and combinations thereof.

21. (previously presented) The method of Claim 20, wherein said alkaline earth metal hydroxide comprises calcium hydroxide.

22. (previously presented) The method of Claim 21, wherein said calcium hydroxide content is 10-75% by weight of said composition.

23. (previously presented) The method of Claim 12, wherein said composition further comprises at least one filler.

24. (previously presented) The method of Claim 12, wherein said composition exhibits a delay in alkalinity release.

25. (previously presented) The method of Claim 12, wherein said paraffin is liquid paraffin.

26-43. (canceled).